

Title (en)
Locking mechanism for connector housing

Title (de)
Verriegelungsmechanismus für Verbindergehäuse

Title (fr)
Mécanisme de verrouillage pour boîtier de connecteur

Publication
EP 0729202 A2 19960828 (EN)

Application
EP 96300190 A 19960110

Priority
JP 6189295 A 19950224

Abstract (en)
A female connector housing 11 has a locking arm 30 integrally moulded thereon, the locking arm 30 having a fitting projection 31. A male connector housing 21 has a fitting hole 24 formed on hood member 22 thereof. Two slots 34 are formed on either side of the fitting projection 31 so as to extend along the longitudinal direction of the locking arm 30. The locking arm 30 is thus partitioned into a fitting arm member 35 which includes the fitting projection 31, and two supporting arm members 36 which are formed on both sides thereof. The foot members 36a of the supporting arm members 36 are thicker than the foot member 35a of the fitting arm member 35, and thus the engagement load of the arm 30 is large, but the projection 31 is nevertheless relatively easy to disengage.

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H01R 13/627

IPC 8 full level
H01R 13/639 (2006.01); **H01R 13/627** (2006.01); **H01R 13/52** (2006.01)

CPC (source: EP US)
H01R 13/6272 (2013.01 - EP US); **H01R 13/5205** (2013.01 - EP US); **H01R 13/5219** (2013.01 - EP US)

Cited by
EP1592091A1; EP2112715A3; EP0841723A3; DE10031861B4; CN108631102A; US6676433B1; EP3168942B1

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